



PRA's 12th International

Woodcoatings Congress

8 – 9 November 2022

Mercure Hotel
Amsterdam City - The Netherlands

Wood is green



Programme

This congress is a collaboration of:



Wood is green

Following the last very successful sell-out conference held in 2018, the **12th PRA Woodcoatings Congress will be held in Amsterdam on 8-9 November 2022**. As before, this congress is aimed exclusively at the international wood coating industry, providing a rare opportunity for disseminating new technology, collaboration and networking.

As in previous years, the 12th Woodcoatings Congress embraces all new technical developments in formulating, testing and applying coatings for interior and exterior wood applications.

Parallel sessions are included in the programme, to give delegates a choice of presentations to attend, according to their interests.

The programme describes the variety of presentations which will be presented, providing a rich source of knowledge, insights and new ideas. It includes a number of papers addressing the topical issues of sustainability,

virus protection, performance and robustness, specific to the wood coatings industry, as well as the latest developments in the use of bio-based raw materials. This is balanced by a number of papers presented by experts from the independent research institutions and academia operating in this field, including the results from testing according to current and proposed EU specifications.

Who should attend

Attendance at the congress is important for technical, marketing, production and general management staff who are involved in the protection of wood. Raw material and equipment suppliers, paint formulators, end-users and participants from research institutions and academia from around the world are all potential beneficiaries of this unique, intensive two-day collaboration with like-minded experts.

1st CONGRESS DAY – 8 NOVEMBER 2022

08.15 – 09.00 h	Registration counter opens
09.00 – 09.30 h	Keynote: Sustainable wood coatings – only a dream or realistic? Dr Albert Roessler, Adler-Werk, Austria
09.30 – 09.45 h	Welcome and AWARD

SESSION 1: SUSTAINABILITY AND BIO-BASED MATERIALS 1 Chair: Dr Ben Naden

09.45 – 10.15 h	1.1 Contributing to the development of more sustainable solutions for wood coatings Dr Eva Tejada, Covestro, Spain
10.15 – 10.45 h	1.2 Bio-based high-performance water-borne urethane dispersions for Isocyanate-free coating systems Gabor Erdodi, Lubrizol, USA
10.45 – 11.15 h	1.3 Bio-based methacrylates – Creating possibilities for a sustainable world Christine Breiner, Evonik, Germany
11.15 – 11.45 h	Networking: Refreshments & coffee break
11.45 – 12.15 h	1.4 Bio-based surface modifiers for high quality water-borne coatings Adriaan Sanderse, Michelman, Luxembourg
12.15 – 12.45 h	1.5 Bio-based copolymer emulsion for wood coating applications Ajith Bandara, JAT, Sri Lanka
12.45 – 13.15 h	1.6 The role for coatings when every color must be green Dr Damiano Beccaria, Eastman, The Netherlands
13.15 – 14.30 h	Networking: Lunch break

SESSION 2: FUNCTIONAL AND SMART MATERIALS Chair: Dr Gerhard Gröll

14.30 – 15.00 h	2.1 High-pressure laminates with functional and smart properties Catarina Nobre, CeNTI, Portugal
15.00 – 15.30 h	2.2 Antiviral wood coatings – Nanotechnology-based strategy to fight viral pandemics Mehmet Bilgehan Bilgic, Kubilay Boya, Turkey
15.30 – 16.00 h	Networking: Refreshments & coffee break
16.00 – 16.30 h	2.3 Fire retardant wood coatings inspired by nature - made with microfibrillated cellulose Claudia Schirp, Fraunhofer Institute for Wood Research, Germany
16.30 – 17.00 h	2.4 Functional wood-based surfaces for an active and healthy living Sérgio Moreira, CeNTItvc, Portugal

19.00 – 22.00 h **NETWORKING DINNER:**

The official congress dinner is an ideal opportunity to renew and strengthen contacts, cultivate business relationships, exchange latest news and participate in discussions. A shuttle will be offered from the congress venue to the location. So do not miss out the exclusive networking event. More information will follow soon.

2nd CONGRESS DAY – 9 NOVEMBER 2022

SESSION 3: NEW MATERIALS 1 Chair: Dr Stefan Friebel

09.00 – 09.30 h	3.1 Novel water-borne acrylic binders with ADH-free cross-linking for exterior wood coatings Thomas Bernhofer, Synthomer, Germany
09.30 – 10.00 h	3.2 Next generation of ultra-matt polyurethanes for 1K and 2K water-based coatings Joan Parareda, Stahl Polymers, China
10.00 – 10.30 h	3.3 High performance matting agents for extremely durable deep-matte water-borne coatings - SYLOID® AQ Silica Series Dr Matthias März, Grace, Germany
10.30 - 11.00 h	Networking: Refreshments & coffee break
11.00 – 11.30 h	3.4 Weathering-resistant powder coating of WPC – challenges and results Jürgen Leßlhuber, Wood K plus, Austria
11.30 – 12.00 h	3.5 No need to sacrifice performance when formulating sustainable wood coatings with high performance catalysts Dietmar Helker, Borchers, Germany
12.00 – 12.30 h	3.6 Pushing water-in-oil technology to the limits Gerard van Ewijk, Akzo Nobel, The Netherlands
12.30 - 14.00 h	Networking: Lunch break

SESSION 5: NEW MATERIALS 2 Chair: Dr Laurence Podgorski

14.00 – 14.30 h	5.1 How to get rid of foam in 100% UV-coatings? Maurice Epple, BASF Personal Care and Nutrition, Germany
14.30 – 15.00 h	5.2 Optimizing robustness of wood coatings with the help of novel specialty particles Heike Semmler, Evonik, Germany
15.00 - 15.30 h	Networking: Refreshments & coffee break

15.30 – 16.00 h	5.3 High solids acrylic dispersions: the evergreen challenge to replace solvent-borne alkyds in wood coatings turned into sustainable reality Roland Baumstark, BASF, Germany
16.00 – 16.30 h	5.4 ConWood – Functionalization of wood-based materials with conductive thin films using magnetron sputtering deposition Judith Sinic, Wood K plus, Austria
16.30 – 17.00 h	5.5 New lignin stabilizer for unmet needs Delphine Kimpel, BASF, Germany

SESSION 4: TESTING AND MEASUREMENTS

Chair: Dr Franco Bulian

4.1 Structured wood surfaces for flooring under the microscope - Coatings to obtain high resistance and natural look and feel Dr Gerhard Grill, Holzforschung Austria, Austria
4.2 On-site measurement of dry paint film thickness on wood Peter Svane, Coating Consultancy, Denmark
4.3 The influence of exposure orientation and inclination on the service life of wood coatings Boris Forsthuber, Holzforschung Austria, Austria
Networking: Refreshments & coffee break
4.4 Water vapour permeability of modern water-borne industrial wood coatings, test method, comparison with water permeability and durability results Niels Lutke Schipholt, SHR, The Netherlands
4.5 Towards new performance criteria for exterior wood coatings Dr Laurence Podgorski, FCBA Technological Institute, France
4.6 A new approach for assessment of knot staining resistance of semi-transparent coatings Matjaž Pavlič, University of Ljubljana, Slovenia
Networking: Lunch break

SESSION 6: TOOLS AND SIMULATIONS Chair: Peter Svane

6.1 Predicting the long-term performance of wood coatings Dr Stefan Friebel, Fraunhofer Institute for Wood Research, Germany
6.2 Creating open source platform of biocide-free and low VOC formulations and its challenges Solvita Kostjukova, Alina, Latvia
Networking: Refreshments & coffee break

SESSION 7: Sustainability and Bio-based Materials 2

Chair: Peter Svane

7.1 Next generation of water-borne one-component acrylic dispersions with very high chemical resistance Marcel Meeuwisse, Allnex, The Netherlands
7.2 Highest opacity and sustainability – water-borne high solids dispersions for wood paints Bas Lohmeijer, BASF, Germany
7.3 LIFE-Biopaint, a European project for advanced bio-based UV-cured coatings Marcello Vitale, IVM Chemicals, Italy

Congress registration form

www.european-coatings.com/woodcoatings



General information

Please print name as you would like it to appear on the badge.
For group registrations please visit the registration site online.

Salutation Title First name Last name

E-mail

Position Department

Mailing address:

Company Department (if applicable)

Address

City/ State/ ZIP Country

VAT number (Customers from within the EU (exception Germany) please complete in order to be able to participate in the reverse charge procedure.)

Billing address (if different from mailing address):

Company

Address

City/ State/ ZIP Country

Phone Fax

Registration fees*	until 27 September 2022	after 27 September 2022
Standard fee	€ 1.125	€ 1.295
PRA Member Companies	€ 995	€ 1.125
Academic Fee	€ 650	€ 705
Congress Speaker	€ 425	€ 480

* Dutch VAT has to be added (current rate 21%)

Method of payment:

After we received your registration form, we will send you a paylink to pay via credit card.

Message

PRA's 12th International

Woodcoatings Congress

Cancellations

Cancellation policies are the following: Fees will be refunded in full if notice of cancellation is received up to 4 weeks before the congress. 50% of the fee will be refunded if cancellation is received later, but no later than 2 weeks before the congress. Delegates who cancel less than 2 weeks before the conference or fail to attend without notifying the organiser will be liable for the whole congress fee. In all cases postmark shall apply. Substitutions of delegates may be made at any time. Cancellations and changes should be notified in writing and will be confirmed by the organiser. Any fees to be refunded will be paid after the event. The organisers reserve the right to change the programme content or to cancel the event due to important reasons. Cancellation fees of third parties that may appear in this context will not be reimbursed.



Mail completed form to

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General congress information

Venue

PRA's 12th International Woodcoatings Congress will be held at:
Mercure Hotel Amsterdam City
Joan Muyskenweg 10
1096 CJ Amsterdam, The Netherlands

Date

Congress: 8 – 9 November 2022
Networking Dinner: 8 November

Best Paper Award

The Oil & Colour Chemists' Association (OCCA) will again provide the Holbrow Medal for the best paper presented at the Congress. The award was endowed by Gordon Holbrow, who worked at the PRA for 45 years from 1936.

Congress language

PRA's 12th International Woodcoatings Congress will be held in English only

Organiser

Vincentz Network
Plathnerstr. 4c
30175 Hannover, Germany
In collaboration with PRA

Congress steering committee

Peter Svane, Coating Consultancy, Denmark
Dr Laurence Podgorski, FCBA, France
Dr Stefan Friebe, Fraunhofer WKI, Germany
Dr Gerhard Grüll, Holzforschung Austria, Austria
Dr Franco Bulian, Catas, Italy
Dr Ben Naden, PRA World, United Kingdom

Visa information

International attendees who will need to obtain a visa for visiting the Netherlands should contact the Dutch embassy or consulate in order to determine how to apply and the length of time required to process applications. The organiser has no influence over the application process. In order to obtain a letter of invitation from the organiser, please contact:

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PRA's 12th International



Hotel reservation

Early booking at the hotel is recommended, to ensure availability and obtain the best rates. Accommodation is not included in the congress fee. We kindly ask you to make your own reservation.

To make a reservation under the keyword „Woodcoatings Congress 2022“ please contact:

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Notice

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